Contents	Reference to last Measurement
7	8
↑N	

RR-209

M. A. R. [illegible] ule 116)

Measur[illegible] Book

No. B

490717

Serial No. ..... 1st & final 30.06.2016

Name of Work Modified Asphalting at Babanna layout 1st Main Road to Hesaraghatta Main road Junction in SSR From ..... To .....

Name of Contractor of nature of Agency ..... Technical Manager (west) KRIDL ..... Est cost - 43.0

Date of commencement of work ..... NO EE/DD/WO/441/12-13 DI - 8/3/12 JLI - 012-13-000022

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-1	Earth work in surface levelling and lowering the ground manually (other than foundation of buildings) and removing the excavated stuff to a distance not exceeding 50m lift upto 1.5m excavated surface levelled and neatly dressed disposed earth to be levelled complete as per specifications. Qty vide pg no 490~~449~~/ of this MB.					1265.37	
I-2	Construction of granular sub-base by providing close graded material mixing in a plant with OMC carriage of mixed material to work site spreading to uniform					@ 65=88 Rs - 83363:00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density complete as per specifications					615.60 ~~614.15~~ Sqm	
	Qty vide pg no. 490744/1 of this M.B.					@ 1060=56	652881=00 ~~651338=00~~ Rs
I-3.	Providing and laying spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed method laying in uniform layer with paver Sub-base / base course on well prepared surface						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490718

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	compacting vibratory roller to achieve the desired density complete as per specifications.						
	Qty vide pg no. 490746/1 of this M.B.					818.92 ~~Sqm~~	
						@ 1121=04	917369=00 ~~917995=00~~ Rs
I-A	providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.6 Kg/Sqm					3874.40 Sqm ~~4094.50~~ Sq	
	Qty vide pg no. 490748/1 of this M.B.					@ 44:28	171558=00 ~~181296=00~~ Rs

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490719

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-5	providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix formula for base / binding course including loading of aggregates and bitumen in hot mix plant 40 tonne capacity transporting the mixed material in tipper to paver & laying mixed materials density 50/75 mm compacted thickness with 3.3% bitumen but excluding cost of primer/tack coat with lead upto 1km complete as per specifications with 60/70 grade bitumen Qty vide pg no. ~~490749~~/2 of this M.B.					90.62 cum ~~8677 Kg~~ 6646.32 @	6022.90=00 ~~5716336.80~~
I-6	cleaning the existing black topped surface with broomy soft brushes & finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials complete as per specifications. Qty vide pg no. 490750/1 of this M.B					2852.20 sqm ~~3090.05 sqm~~ @ 2.59	7393.00 ~~8009.00~~
I-7	providing & applying tack coat using 80/100 grade bitumen in boiler fitted to spray set complete as per specifications Qty vide pg no 490750/1 of this M.B.					3090.05 sqm @ 11.99	34198.00 ~~37043.00~~

7393 = ω

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490720

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-8.	providing and laying lying crushed aggregates premixed with bituminous transporting the hot mix to work site laying with a Paver finisher to the required grade level & alignment rolling with smooth wheeled vibratory & tandem rollers to achieve the desired compaction complete as per specification	Semi dense bituminous concrete of specified grading binder and filler					
	1st coat	1	30.80	$\frac{5.8+5.8}{2}$	0.025 Avg.	= 4.47 cum	
		1	36.7	$\frac{6.8+5.9}{2}$	0.025	= 5.83 cum	
		1	41.5	$\frac{5.5+5.4}{2}$	0.025	= 5.65 cum	
		1	30.0	$\frac{6.0+5.7}{2}$	0.025	= 5.85 cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್ ಪಶ್ಚಿಮ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಸ್.ಐ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{5.7+6.4}{2}$	0.025	= 4.53 cum	220 + 121
		1	30.0	$\frac{6.4+5.1}{2}$	0.025	= 4.31 cum	
		1	30.0	$\frac{5.1+5.2}{2}$	0.025	= 3.86 cum	
		1	30.0	$\frac{5.2+5.2}{2}$	0.025	= 3.90 cum	
		1	30.0	$\frac{5.2+5.1}{2}$	0.025	= 3.86 cum	
		1	40.0	$\frac{5.1+6.5}{2}$	0.025	= 5.80 cum	
		1	30.0	$\frac{5.5+5.4}{2}$	0.025	= 4.09 cum	
		1	30.0	$\frac{5.2+5.1}{2}$	0.025	= 3.86 cum	
		1	30.0	$\frac{5.1+4.7}{2}$	0.025	= 3.68 cum	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490721

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{4.7+4.6}{2}$	0.025	= 3.49 m	
		1	20.0	$\frac{4.6+7.5}{2}$	0.025	= 3.03 m	
		1	30.0	$\frac{5.3+4.1}{2}$	0.025	= 3.53 m	
		1	30.0	$\frac{4.1+4.2}{2}$	0.025	= 3.11 m	
		1	30.0	$\frac{4.2+4.4}{2}$	0.025	= 3.23 m	
		1	30.0	$\frac{4.4+4.3}{2}$	0.025	= 3.26 m	
		1	30.0	$\frac{4.3+5.0}{2}$	0.025	= 3.49 m	
		1	30.0	$\frac{5.0+4.9}{2}$	0.025	= 3.71 m	
		1	35.0	$\frac{4.9+4.9}{2}$	0.025	= 4.10 m	
		1	30.0	$\frac{5.3+4.7}{2}$	0.025	= 3.75 m	
		1	30.0	$\frac{4.7+4.7}{2}$	0.025	= 3.53 m	

Balance carried forward (213.56 m)

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{4.7+4.7}{2}$	0.025	= 3.53 cm	
		1	32.0	$\frac{4.7+5.6}{2}$	0.025	= 4.12 mm	
		1	30.0	$\frac{5.7+4.9}{2}$	0.025	= 3.98 m	
		1	30.0	$\frac{4.9+5.6}{2}$	0.025	= 3.94 m	
		1	42.0	$\frac{5.6+5.3}{2}$	0.025	= 5.72 mm	
		1	30.0	$\frac{6.0+4.0}{2}$	0.025	= 3.75 mm	
		1	16.8	$\frac{4.0+5.0}{2}$	0.025	= 1.80 mm	
		1	30.0	$\frac{5.7+4.3}{2}$	0.025	= 3.75 m	
		1	15.6	$\frac{4.3+5.0}{2}$	0.025	= 1.81 m	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116) Measurement Book — No. B — 490722

Audited and admitted for Rs. 426617-00
Passed by Cheque for Rs. 368266 — — (.....)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

From ..... To ..... 5th Jan 2017

Accounts Supervisor ..... Exe. Engineer

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30·0	5+4·9 / 2	0·025	= 3·75 cum	
		1	8·6	4·9+4·8 / 2	0·025	= 1·04 cum	
		1	18·0	4·9+4·8 / 2	0·025	= 2·0 cum	
						135·81 cum	
				Qty Ltd to 134·93 cum		@ 9631=44	1299570·00
							Rs — 1308046·00
I-9.	Carriage of mixed materials					225·55 cum	
	Qty ⑤+⑧ 90·62+135·81 = 226·43 cum					225·53 cum Rs	12667·00
	90·62+135·81			Qty Ltd to 225·55 cum		@ 56=16	Rs — 12497·00
I-10	Disposal of debris to the final place of disposal with all lead & lift complete as per specification					1265·37 cum	
	Qty vide item no ①					@ 72=71	Rs — 92005·00

Ckd a/c

Sd/- 27/6/2016
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total.	3867	908=00				3873288=00
	KRIDL 11%	4254	69=00				38729=00
	Recd. N.K. 27/6/16.	4293	377=00				4266617=00

Certificate

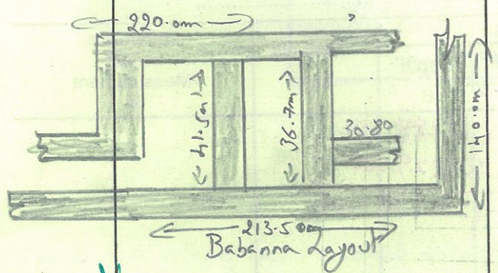
1) certified that Contractor has done the work satisfactory.
2) certified that Contractor has removed all debris from work spot.
3) certified that there is no due work from Contractor side.

Recd. N.K. 27/6/16.

Sd/-
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

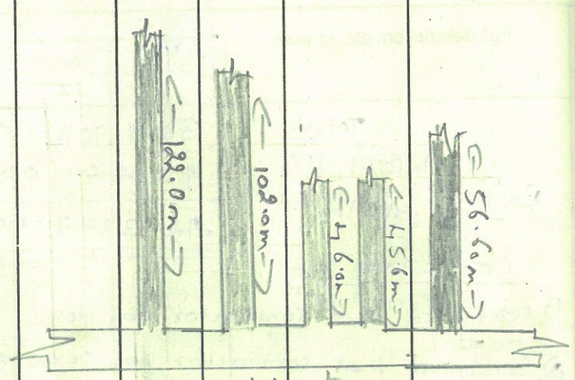
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

AEW-12



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1
J.1
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